

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

GOLIKHOV, V. S., MARKOV, V. P. (signature)

Establishing the current level of the environment is not carried  
regulation by means of the simple graphical analysis method.  
Khitz. prot. no. 2110-130 - 3 "L". (M. L. G.)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

LYAKOV, V., nauch.tekhn.nauk; rezhim. r., inzh.

Highly economical water heater. Osnovnye p. no.1:38-40 Ja '63.  
(Water heaters) (MIRA 16:4)  
(Gas, Natural)

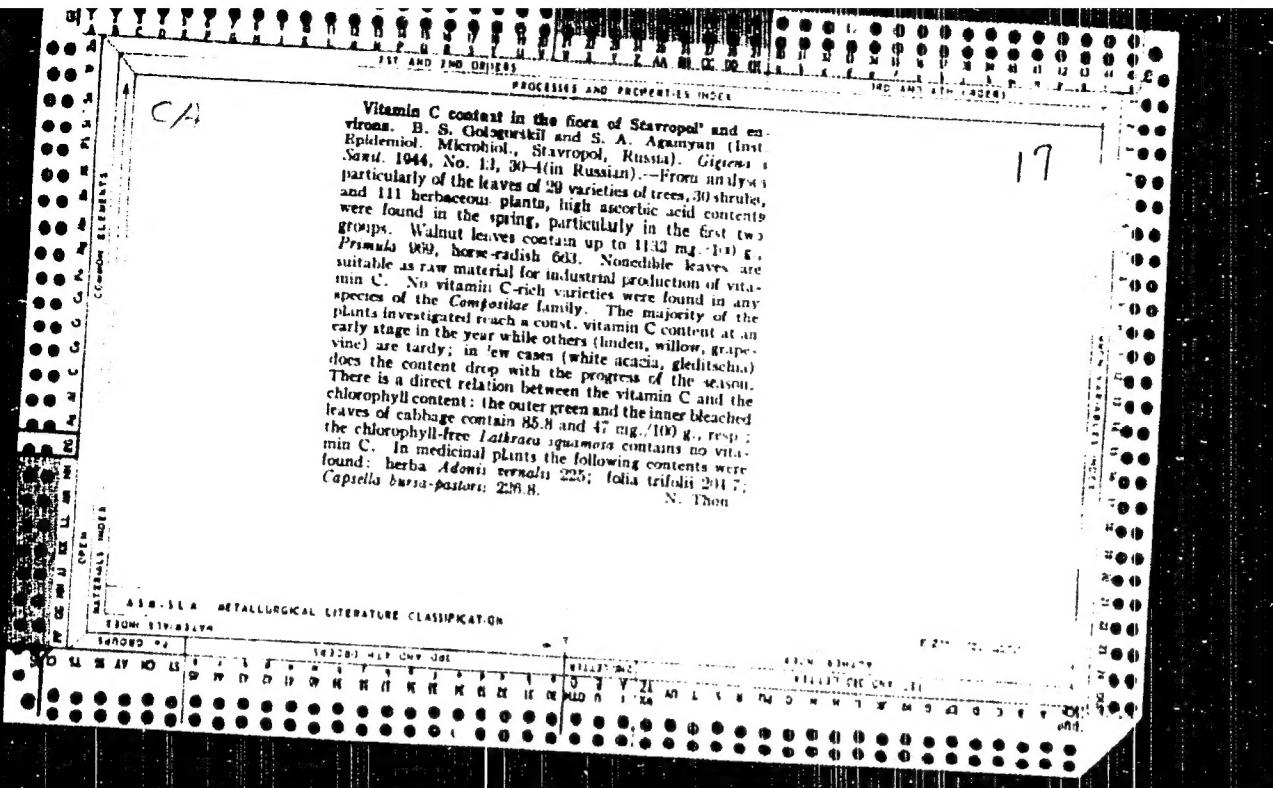
GULCZEWSKI, Jozef, dr. in. in.

Krakow at first chair, head of department of the PZL  
Colling equipment industry, Przemyslach 11 no.9, 10:307, 318,  
10-25 My. tel. 2.

1. Centralny Gospodarki Konstrukcji, N.-D. Przemyslany Gospodarki,  
Krakow.

The nutritive value of dried milk. The hygienic properties of dried milk. B. S. Golgorodsk and M. P. Gurskaya. *Voprosy Pitaniya* 6, No. 5; 87-94 in English (1937).--Milk powder is very low in saprophytic microflora. When prepd by spraying, the powder is 96.94-98.21% sol., while the film method of prep gives a product which is only 72.0% sol. If stored in the presence of moisture it becomes less soluble. S. A. K.

The nutritive value of dried milk. The assimilation of dried milk. B. S. Goloporskii and M. P. Podolomnikova  
*Voprosy Putinivki* 6, No. 5, 98-104 (in English 104) (1937).—The assimilation of milk powder is slightly inferior to that of whole milk, differences of 1.7% for protein and 0.5% for fat being obtained. The milk sugar is assimilated to an equal extent in each case. The different methods of prepur of the powder have little effect on capacity for assimilation. S. A. Karata



12

Speeding up of ashing of food products in heavy metal determination. B. S. Golgoroski. *Gigiena i Sanit.* 11, No. 10, 43-44 (1980). Aquathermia was found to be the quickest and most reliable method in wet ashing of flour, fish, and meat products.

Boris Golgoroski

22

**Waste water of a cracking plant.** B. S. Togolotykh and  
V. P. Yudina. *Gigiena i Sanit.* 12, No. 3, 9-12 (1947).  
Examination of waste water at Chernikovsk cracking plant  
showed that it contains considerable amounts (0.5% C.)  
of petroleum as an insol. layer, up to 280 mg/l dissolved  
hydrocarbons, and up to 406 p.p.m. H<sub>2</sub>S. G. M. K.

AIAA-AIAA METALLURGICAL LITERATURE CLASSIFICATION

Vitamin C in market milk. B. S. Goloporskii. *Gosprom Chem. Ind.* 12, No. 8, 39-43 (1971). The average vitamin C level in market milk in Dnepropetrovsk is 1.9 mg/l. The summer milk contains 3.4% more vitamin C than the winter milk. Large variations exist among different cows up to a factor of 100. Since the milk is kept at 0-3°C, no appreciable destruction of C takes place in 3 days; this makes possible vitaminization of the winter milk supply by vitamin C vs. tablets. Little difference in stability was observed between cow and pasteurized milk.

G. M. Koedinger

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

13041 514-03148

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CA

II D

The dynamics of ascorbic acid content in artificially ripened and over ripened tomatoes. W. S. and S. K. L. J. Agric. Sci., 1942, No. 3, 18 & 1947. Although ascorbic acid increases rapidly on exposure to sunlight, the process ceases at a point which is not too far off from the stable higher temp. the temperature does not occur. The effect. At all stages ripening does not occur. The ascorbic acid level in green tomato is 15.2 mg. /100 g. ripening in artificial conditions the time of ripening is shortened at the time of full ripening to species normal level. Ripening without sun or light leads to a low level. Increase of ascorbic acid after exposure to light is about 10% but 20% more. This is a standard study. The coefficient for regeneration of ascorbic acid. In most cases no relationship with the ascorbic acid level.

U.S. SUG-914

Vitamin A and carotene in milk. U.S. Gulagorskii University No. 4, 21-6-1947. Tests of vitamin A, D<sub>3</sub> and carotene were made in 8 tests with milk samples obtained in the open market in February, March, May, and September-November. Further, 75 tests were made with the samples of dried milk obtained from 2 factories. Fresh cow's milk contained, on the avg., 11.37 and 234.8 µ per 100 ml. of carotene and I, resp. Milk samples obtained in summer and autumn had 3-4 times more carotene and I than had winter milk. No destruction of carotene or I resulted from boiling for 3 min. The avg. content of carotene and I in dried milk was 0.133 and 2.14 mg per 100 g., resp. Storage for 12-18 months in tight containers did not reduce the I content of dried milk. Reconstituted dried milk had a somewhat higher carotene and I content than had fresh cow's milk.

B-A

Preservation of milk by high frequency current (B. Golgorzki and Yu. N. Tinkovskii - Zhur. Tekhnicheskoi Kemi, No. 9, 32 (1948)). Irradiation of milk by an 800 kc high-frequency generator (the frequency range not stated) showed that: 0.5 hr treatment with temp rise to 70-5° is more effective than 1-2 min exposure with temp. rise to 66-8°, in respect to disappearance of microflora. The loss of albumin is low (6.6%), but ascorbic acid is better preserved (5% loss) in the short treatment; in the long treatment the loss is 11.8%. G. M. Kosolapoff

OPEN  
CLOSURE  
REVERSE  
MATERIALS INDEX

ASH-ELA METALLURGICAL LITERATURE CLASSIFICATION

Vitamin C content in plants of Bashkir SSR - near

Ufa. B. S. Ologorski, E. N. Klobukov, Arisova, and I. M. V. Goldstein (Inst. Epidemiol. Microbiol., Ufa).  
Organic Comp. 1949, No. 3, p. 3. Data of vitamin C content in plants showed *Rubus chamaemorus* with the highest levels. Root 2185 mg %, plant leaves 197 mg %. Other high-level plants are *Juglans mandshurica* (183), *Elaeagnus Red Canne* (62%), *Abies concolor* (58%), and *Fraxinus excelsior* (50%). Preliminary data on vitamin C levels in plants of varying heights are given. G. M. Kostylev

GOLOGORSKIY, Samuil Davidovich; YELENSKIY, Mikhail Kharitonovich;  
MIZARENKO, N., red.; GONCHAR, A., red.; ZELENKOVA, Ye..  
tekhn.red.

[Handbook for making estimates for capital construction]  
Spravochnoe posobie po sostavleniiu smet na kapital'noe  
stroitel'stvo. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit.  
USSR, 1960. 550 p. (MIRA 14:2)  
(Building--Estimates)

GOLOGORSKIY, V.A.

The problem of solitary liver cysts. Sov.med. 22 no.7:134-135  
Jl '58 (MIRA 11:10)

1. Iz kafedry obshchey khirurgii (zav. - prof. G.P. Zaytsev)  
pediatricheskogo fakulteta II Moskovskogo meditsinskogo instituta  
(LIVER, cysts  
solitary (Rus))

GOLOGORSKIY, V. A. Cand Med Sci -- (diss) "Data for the application of potentiated anesthesia in surgical clinics" Mos, 1959. 20 pp (Second Mos State Med Inst im N. I. Pirogov), 750 copies (KL, 48-59, 11c)

GOLOGORSKIY, V.A. (Moskva, G-242, Sadovo-Kudrinskaya, d. 7, kv. 57)

Errors and hazards in modern anaesthesia. Nov. khir. arkh. no.2:  
48-59 Mr-Ap '59.

(MIRA 12:7)

1. Kafedra obshchey khirurgii (zav. - prof. G. P. Zaytsev)  
pediatricheskogo fakul'teta 2-go Moskovskogo meditsinskogo instituta.  
(ANESTHESIA--COMPLICATIONS AND SEQUELAE)

GOLOGORSKIY, V.A.

Results of potentiated anaesthesia in surgery. Khirurgia 35  
no.2:83-91 F '59. (MIHA 12:5)

1. Iz kafedry obshchey khirurgii (zav. - prof. G.P.Zaytsev)  
pediatricheskogo fakul'teta II Moskovskogo gosudarstvennogo  
meditsinskogo instituta im. N.I.Pirogova.  
(HIBERNATION, ARTIFICIAL,  
results (Rus))

GOLOGORSKIY, V.A.

Clinical aspects of potentiated anesthesia. Kaz.med.zhur. 40  
no.6:61-69 N-D '59. (MIRA 13:5)

1. Iz kafedry obshchey khirurgii (zav. - prof. G.P. Zaytsev)  
pediatricheskogo fakul'teta 2-go Moskovskogo meditsinskogo  
instituta im. N.I. Pirogova.  
(ANESTHESIA)

GOLOGORSKIY, V.A., kand.med.nauk; TSIRUL'NIK, S.I.

Surface endotracheal anesthesia in serious gynecological operations.  
Nauch.trudy Chetv.Mosk.gor.klin.bol'. no.1:174-182 '61.  
(MIRA 16:2)

1. Iz kafedry obshchey khirurgii pediatricheskogo fakul'teta  
(zav. - prof. G.P. Zaytsev) i ginekologicheskoy kliniki (zav. -  
prof. V.N. Vlasov), kafedry akusherstva i ginekologii pedia-  
tricheskogo fakul'teta (zav. prof. A.A. Lebedev) 2-go Moskov-  
skogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova  
na baze Moskovskoy gorodskoy klinicheskoy bol'nitsy №.4 (glavnnyy  
vrach G.F. Papko).

(INTRATRACHEAL ANESTHESIA) (GYNECOLOGY, OPERATIVE)

GOLOGORSKIY, V.A.; KAZANTSEV, F.N.

Problem of causes and treatment of hypotension during anesthesia  
and surgery. Khirurgiiia 37 no.4:52-62 '61. (MIRA 14:4)

1. Iz kafedry obshchey khirurgii (zav. - prof. G.P. Zaytsev)  
pediatriceskogo fakul'teta II Moskovskogo gosudarstvennogo  
meditsinskogo instituta imeni N.I. Pirogova.  
(ANESTHESIA) (SURGERY, OPERATIVE) (HYPOTENSION)

ZAITSEV, G.P.; ZLOGOLEKIE, V.A.; LIFCHI, S.N., red.; KERI LATA.  
E.A., tekhn. red.

[Potentiated anaesthesia in the surgical clinic] Potentsi-  
rovannaya anesteziya v khirurgicheskoi klinike. Tsvetna,  
Levny, 1961. 245 p. (MIA 1612)

TSIRUL'NIK, S.I.; GOLODOVSKIY, V.A.

Analgesic anesthesia with nitrous oxide in surgical gynecology.  
Akush. i gin. no. 2:31-37'63. (KTRA 16:10)

1. Iz kafadry akusherskogo i ginekologii (zav. - prof. A.A. Lebedev) i kafadry obshchey kirurgii (zav. - prof. G.P. Zaytsev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo institutaimeni N.I. Pirogova.  
(ANESTHESIOLOGY, OPERATIVE) (NITROUS OXYDE)  
(ANESTHESIA)

"APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515730006-4

RECORDED BY TELETYPE  
AT 1000 WASH. D. C.  
ON JUN 1962  
BY THE  
CIA

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515730006-4"

YEREMIN, V.I., assistant professor, MD, Institute of Plastic Surgery, No. 36, k.36  
YUDOVICH, V.A., PhD, Inst. of Phys.

Anesthesia in surgery on the eye and the upper respiratory tract. Vestn.  
Khir. SSSR. No. 5-6-1-6 May 1953 (U.S.S.R.)

• Is sedation of kidney which is not a problem in pediatrics  
pediatric chicken pox can be done with the same drugs as in adults, con-  
stituted with the same drugs.

GAMOVSKII, V.A.; . PELIKH, S...

Advantages of combined anaesthesia with the use of muscle relaxants in gynecologic surgery. Sov. med. 17: 1990. 3 - 5 '90.

(U.S.: 17: no.)

1. Katedra obshchey i chirurgii (zav. - prof. G. A. Jaytsev) i katedra akusherstva i ginekologii (zav. - prof. A. I. Lebedev) pediatricheskogo fakulteta II Moskovskogo nauchno-simkogo instituta imeni I. I. Grebova.

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CIA-RDP86-00513R000515730006-4

Chernov, Vasilii Markovich; PIREL'NIK, Aleksandr Semenovich  
BLAGOVISHCHENSKY, V.A., red.

[Anesthesia and anesthetic apparatus] Marks i narikomye  
apparatus. Moscow, Meditsina, 1961. 220 p.

(VMA 1516)

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CIA-RDP86-00513R000515730006-4"

...the effect of anaesthesia. Vest. knir. 94 no.1:  
(MIRA 18:7)

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**CIA-RDP86-00513R000515730006-4"**

DOLGOPLOSK, B.A.; KRO. ACHIWA, Ye. N.; KERENNIKVA, Ye. K.; KUZNETSOVA, Ye. I.;  
GOLAGOV, K. G.

Polymerization of dienes under the influence of homogeneous  
catalytic systems containing cobalt and nickel salts. Dokl.  
AN SSSR 135 no.4:847-848 '60. (KHA 13.11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo  
kauchuka im. S. V. Lebedeva. 2. Chlen-korrespondent AN SSSR (for  
Dolgoplosk).  
(Olefins) (Polymerization)

292-2904541-1 100

Journal of the Royal Statistical Society, Series B (Statistical Methodology), Vol. 77, No. 3, pp. 333-359, 2011

**TITLE:** *AN AUTOMATIC DEVICE TO TEST AND SELECT COTTON FIBERS*

1977-1982. At the beginning of 1983, 100% of the patients had been followed up.

On January 1, 1946, the author was invited to speak at the Annual Meeting of the participants of the U.S. Research Program in Materials, convened jointly by the National Research Council and the Office of Scientific Research and Development, at the Hotel Statler, New York City. The author's paper, "The Preparation of Polyacrylate and Polyacrylic Acid Gels," was presented at this meeting. A new technique, developed for this purpose, is shown in photographs (Figures 1-4). Briefly, a rubber latex is treated with acryloyl chloride and the proteinaceous nature of the latex is destroyed. The material and has considerable swelling capacity, and is tri-urethane or acetylenic-expanding resinous. The reaction may prove a starting point for the preparation of a wide variety of useful types of cellulose, fiber, and other organic materials.

1. *Leucosia* *leucostoma* (Fabricius) *leucostoma* (Fabricius) *leucostoma* (Fabricius)

C - 2

Domestic and International Steel Structures: 307-1-2-1-1-1-1

ASSOCIATION: Institut für Stahlbauingenieurwesen und Materialprüfung  
("Electric--Metallurgical Institute of Berlin, FRG")

SUBDIVISION: 1. Welding, 2.

- 1. Steel--Arc welding
- 2. Arc welding--Equipment
- 3. Carbon dioxide--Performance
- 4. Structures--Materials

... 1 ... 2

125-56-5-12/15

AUTHORS: Potap'yevskiy, A.G., Golopgovskiy, S.M., and Maneylo, L.A.

TITLE: Semi-Automatic Device for welding Thin-Sheet Steel Under Assembly Conditions (Soleavtomat dlya sverki tankalistovoy stali v montazhnykh uslovijakh)

PUBLICATION: Avtomaticheskaya Svarka, 1959, br 5, pp 89-91 (USSR)

ABSTRACT: A semi-automatic device for arc welding in carbon dioxide has been especially devised for assembling sheet metal structures. It permits welding in any position. The feed mechanism which weighs only 3 kg, is placed in a small knapsack carried by the operator on the back. It does not hamper the operator. The design and operation information is illustrated by a drawing and an electric diagram. The device is designed by the Electric welding Institute imeni Paton and built at the Kiev mechanical plant. There are 2 figures and 5 Soviet references.

Card 1/2

125-58-5-12/13

Semi-Automatic Device for Welding Thin-Sheet Under Assembly Conditions

ASSOCIATION: Institut elektrosvarki imeni Ye.O. Patona AN UkrSSR (welding Institute imeni Ye.O. Paton of the AS UkrSSR) and Kiyevskiy mechanicheskiy zavod (Kiyev Mechanical Plant)

SUBMITTED: February 22, 1958

AVAILABLE: Library of Congress

Card 2/2

GOLOGOVSKIY, G.M.

Book on welding in an atmosphere of carbon dioxide. ("Welding in an atmosphere of carbon dioxide" by I.I.Zaruba and others. Reviewed by G.M.Gologovskii). Avtom. svar. 14 no.3:98-99 Mr '61.

(MIRA 14:2)

(Welding) (Protective atmospheres)  
(Zaruba, I.I.)

/

F

GOP/CPAC, F.

Electrolytic treatment of metals (to be cont'd.) p. 46

SISTEMATIKE VE TNUK (Fakulteta za elektroenike in strojništvo Univerze v Ljubljani Institut za turbostroje v Ljubljana Društvo strojnih inženirjev in tehnikov Lj. Slovenije in Storjna industrija Slovenije) Ljubljana, Yugoslavia.  
Vol 4, no. 3/4, June 1959

Monthly List of East European Accessions MAI IC, Vol. 1, no. 6, June 1959  
Incls.

GUICCIARDI, F.

Electroerosive treatment of metals. (Conclusion) p. 11c

STROJNICKA VEZ T.III (Fakulteta za elektrotehniko in strojništvo Univerze v Ljubljani Institut za turbostroje v Ljubljana Drustvo Strojnih inženirjev in tehnikov iz Slovenije in Češkoslovenska Industrija Slovénie) Ljubljana, Jugoslavija.  
Vol 4, no. 5, Sept. 1956

Monthly List of East European Accession EEAJ LJ, Vol 1, no. 1, June 1957  
Uncle.

GOLOGRANCI, F.

Sticking of material to tools during machining. p. 9.

Regulations concerning the mark of quality. p. 13.  
Yugoslav standards. p. 15.

Periodical: STROJNISKI VESTNIK.

Vol. 5, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List Of East European Accessions (EEAI) LC

Vol. 8, no. 4  
April 1959, Uncl.

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CIA-RDP86-00513R000515730006-4"

GOLOGRANČ, Franc, ing.

Rationalization in machining of rolls for rolling mills, Stroj  
vest 6 no.6:183-186 D '60. (EEAI 10:6)

1. Fakulteta za strojirstvo univerze v Ljubljani.  
(Rolling (Metalwork))

GOLOGRANC, Franc

Sixth European Exhibition of Machine Tools. Stroj vest 6 no.1:11-13  
Ja '60. (EEAI 10:5)  
(Machine tools) (Paris--Exhibitions)

GOLGRAN, Franc, ing.

Some characteristics of the development of modern machine tools.  
Stroj vest 6 no.4/5:136-148 S '60. (EEAI 10:5)

I. Oddelek za strojnistvo Univerze v Ljubljani,  
(Machine tools)

GOLGRANC, F.

"Hydraulic presses" by G.Oehler. Reviewed by F.Golgranc.  
Stroj vest 9 no.1/2:29-30 Ap '62.

GOLGRAN, F.

"Mechanical presses" by H.Makelt. Reviewed by F.Golgranc. Stroj  
vest 8 no.1/2:30 Ap '62.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

GOLOGRAN, F.

"Vibrations in machine tools" by S.A.Tobias. Reviewed by F.Gologran.  
Stroj vest & no.1/2:30 Ap '62.

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

GOLGRANC, F.

"Historical development of drop forging" by E.von Wedel. Reviewed  
by F.Golgranc. Stroj vest & no.1/2:31 Ap '62.

GOLGRAN, F.

"Machine-tool driving gears" by H.Schöpke. Reviewed by F.Golgrant.  
Stroj vest no.1/2:31 Ap '62.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

GOLOGRAIC, F.

"The sledge hammer" by G.Gute. Reviewed by F.Golograic. Struct  
vest 8 no.1/2:32 Ap '62.

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

GOLGRANIC, F.

"Rolling and forging machines" by A.Gelejs. Ad ed, reviewed by  
F.Goligranc. Stroj vest 8 no.1/2:33 Ap '62.

GOLOGRANC, F.

"Circular cutting" by H. Hilbert. 2d ed. Reviewed by F.  
Gologranc, Strv vest 8 no.3:77 Je '62.

GOLGRANC, F.

"Plastic molding of metals in theory and practice" by A.  
Geleji. Reviewed by F. Golgranc. Stroj vest 8 no.3:79 Je  
'62.

GOLAGRANC, F.

Cold bending of pipes" by W.D. Franz. Reviewed by F. Gologranc.  
Stroj vest 8 no.4/5:117-118 0 '62.

GOLGRANC, F.

"Guide to thin board shapers." Reviewed by F. Golgranc. Stroj vest ? no.4/5:131 O '63.

"Fundamentals of the deep drawing in theory and practice, with a specific emphasis on the deep-drawing tests" by W. Fanklin. Reviewed by F. Golgranc. Ibid.:131

L 23412-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(l) JD/HM

ACC NR: AP6004140

SOURCE CODE: UR/0125/66/000/001/0066/0068

AUTHOR: Vashchevskiy, V. F.; Cologovskiy, G. M.; Dykhno, S. I.

ORG: none

TITLE: Device for automatic monitoring of the parameters of resistance-welding regime

SOURCE: Avtomaticheskaya svarka, no. 1, 1966, 66-68

TOPIC TAGS: resistance welding, welding equipment component, power monitor, pulse signal, metallurgic testing machine, circuit design, automatic control equipment

ABSTRACT: The authors present a description of the P-192 device for automatic monitoring and signaling of deviations from the set welding regime according to the amplitude of welding current and the parameter

$$A = \int_0^{t_d} i_w dt \quad (\text{where } t_d \text{ is the duration of the welding-current pulse}).$$

Range of current intensities measured: 1-100 kilo-amperes (ka). Welding-current measurement error:  $\pm 5\%$ . The device (Fig. 1) is connected to the welding machine by two circuits. The first circuit (Fig. 2), represented by toroidal measuring transform-

Card 1/5

UDC: 621.791.76:681.1/.2

63

B

2

L 23412-66

ACC NR: AP6004140

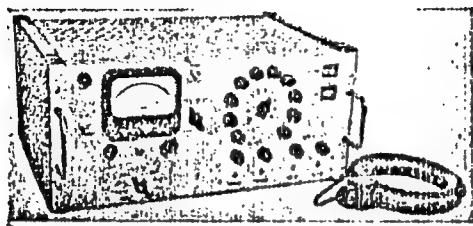
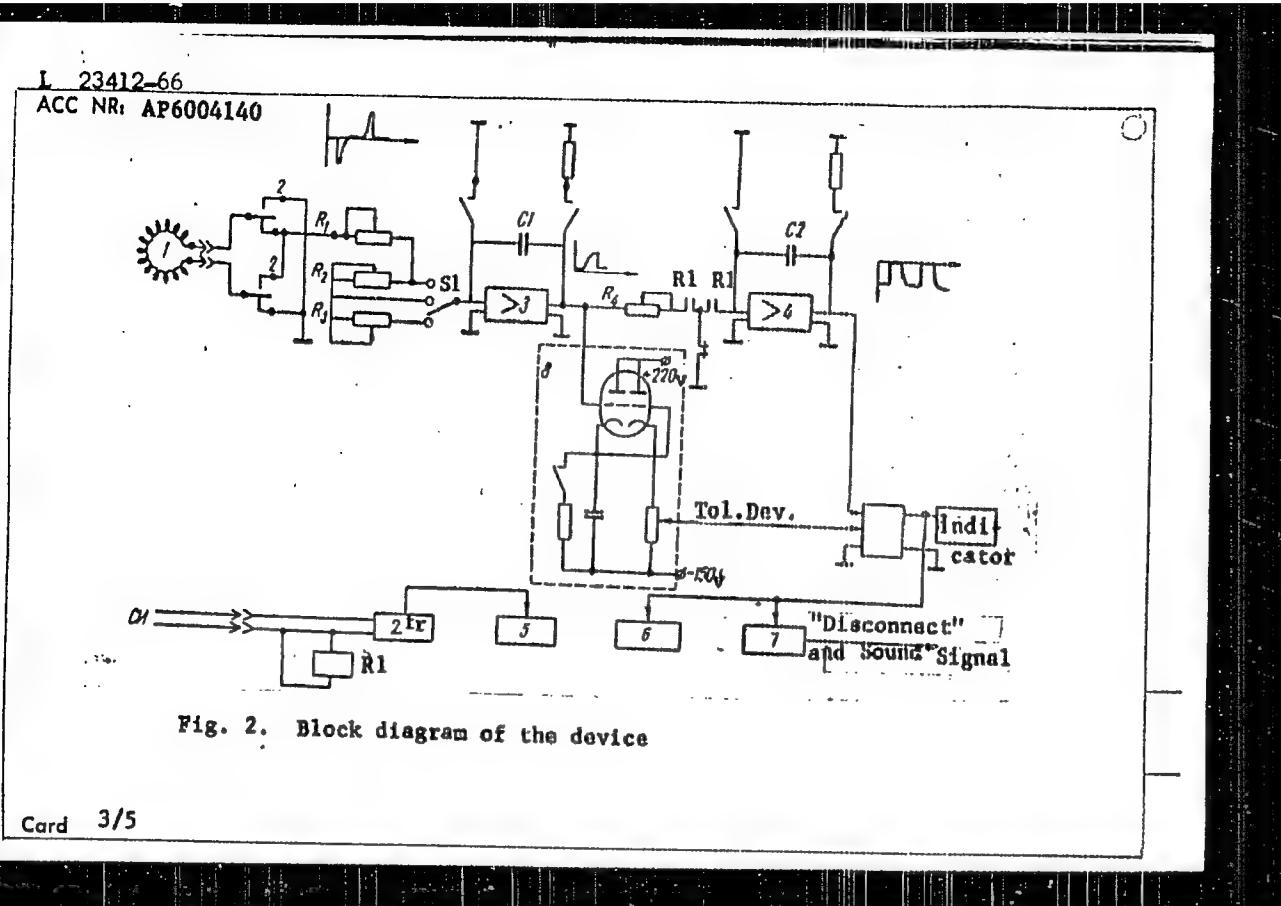


Fig. 1. External view of the P-192 device

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L 23412-66

ACC NR: AP6004140

er 1, is connected to the bottom holder of the welding machine. The second circuit pertains to synchronizing voltage pulses which must overlap in time the welding-current pulses and which are used to trigger flip-flop relay 2; the contacts of this relay switch the output of the toroidal transformer, since each time the polarity of current pulses in the welding machine is reversed. The voltage from the toroidal transformer flows to electronic integrator 3 of the DC tube-amplifier type. The input resistors  $R_1$ ,  $R_2$ ,  $R_3$  of the amplifier are designed to regulate the time constant of the RC of the integrator. Switch  $S_1$  is used to adjust the measurement range to 10, 50 or 100 ka. The integrator output is connected to memory element 8 which records the amplitude value of the restored voltage pulse at the output of integrator 3, whence the pulse is conveyed to a second integrator (DC amplifier 4 and integrating elements -- resistor  $R_4$  and capacitor  $C_2$ ). The contacts of relay R1 cause the resistor  $R_4$  to be connected to the amplifier input and, during the passage of the welding-current pulse, the voltage .

$$U_2 \approx \int_0^{t_d} U_1 dt = \int_0^{t_d} \left( \int_0^t \frac{di_w}{dt} dt \right) dt = \int_0^{t_d} i_w dt.$$

forms at the output of integrator 4. The voltage proportional to the amplitude of the welding-current pulse, from the output of the memory element, and the voltage pro-

Card 4/5

L 23412-66

ACC NR: AP6004140

portional to the amount of electricity passed during a welding pulse, from the output of the second integrator (amplifier 4), proceed to the device for measuring the tolerances of the parameters, where the variations in the pulse amplitude and the amount of electricity therein, when they exceed the upper and lower limits of the tolerance range, are recorded correct to ~0.5% and indicated by the pointer on the dial. The device also includes built-in electromechanical counters of points at which the current or electricity exceed the specified tolerances and relay counters for generating the "disconnect" signal (opening of contacts) or sound signal (closing of contacts). It is also equipped with sockets for connecting an oscilloscope by means of which the current-pulse shape can be visually monitored. The device can be used to monitor the performance of DC, AC and capacitor welding machines. It can be adjusted to three different scales of measurement of current-pulse amplitude and of the corresponding heating (amount of electricity in a pulse): 10 ka, 5 ka-sec; 50 ka, 25 ka-sec; and 100 ka, 50 ka-sec. Currently, a new version of the device, with digital readout which should greatly simplify the measurements, is being developed. Orig. art. has: 3 figures.

SUB CODE: 09, 11, 13/ SUBM DATE: 03Jun65/ ORIG REF: 005/ OTH REF: 000

Card 5/5 *dm*

USSR/Microbiology. Microbes Pathogenic for Man and Animals F

Ats Jour : Ref Zhur-Biol., No 13, 1956, 577-70

Author : Teienko A. I., Golosyuk L. P., Savkina N. M.  
Inst : Kharkov Scientific-Research Institute of Micro-  
biology and Viro-

Title : On the Problem of the Pathogenesis of Diph-  
theria Carriage. Report 1. Duration of Carrying  
and Biological Properties of Diphtheria  
Bacteria.

Orig Pub : Tr. Kharkovsk. N.-i in-ta mikrobiol. i viron. 1957,  
1957, 2-, 71-74

Abstract : No abstract.

Copy 1/1

"APPROVED FOR RELEASE: 09/24/2001

**CIA-RDP86-00513R000515730006-4**

YOUNG, 1910.

19. The following table gives the number of cases of smallpox reported by the medical officers of the U.S. Army during the year 1854.

10.1007/s00339-010-0633-1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

DORATKIN, V.I.; KOLOVSKAYA, V.P., GULIKHMATOV, T.N.

Slaty structure of the fracture of extruded Li6 aluminum alloy products. Metalloved. i term. obr. met. no.12:7-12 1963.  
(MIRA 17:2)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

SHIL'GEN, V. I.; KHITAEVA, G.G.; KREIL'ERAYA, V.V.; KARABELOV, I.E.N.;  
Principali uchastiyey: ABLIFIYEV, M.F.; ZHELEVICH, N.N.;  
GURAEVICH, T.M.

heat resistant D17 alloy. Alida. spolz. no. 323-009-14.

DVORKIND, M.M., inzh. V rabote prinimali uchastiye: VAS'YAS, I.P.; KCKSHAROV, V.D.; DRESVYANKIN, V.I.; PARAMONOV, A.P.; GOLOKHMATOV, S.N.; SHISHARIN, B.N.; GOLIKOV, T.A.; KLISHA, \* Ya.A.; KAZHEVNIKOVA, Ye.L.; VYDRINA, Zh.A.; BUSHUYEVA, T.N.; NAZARENKO, G.A.

Behavior of open-hearth furnace crowns under the effect of feeding oxygen into the burner flame and into the bath. Stal' 20 no.2:117-121 F '60.  
(MIRA 13:5)

1. Vostochnyy nauchno-issledovatel'skiy institut ogneuporov.  
(Open-hearth furnaces)  
(Firebrick)

ZAKHAROV, A.F.; PETROV, G.A.; NOVIKOV, M.D.; POPOV, L.P.; TORSHILOV, Yu.V.;  
GOLOKHMATOV, S.N.; GUSAROV, A.N.; KUVAL'CHUK, N.P.

Potentialities for increasing labor productivity in the  
open-hearth process. Stal' 21 no.6:560-562 Je '61. (MIRA 14:5)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.  
(Open-hearth furnaces--Equipment and supplies)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

Pressure Treatment of Alloys; Collection of Articles, Moscow, Oborongiz, 1958, 141pp.

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

SOV. 17-38-10-21-2

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 178 (USSR)

AUTHORS: Livanov, V.A., Shilova, Ye.I., Golokhmatova, T.N.,  
Nikitayeva, O.G.

TITLE: Methods of Hardening Aluminum Alloys Intended for Operation  
at Elevated Temperatures (Puti uprochneniya aluminiiyevykh  
splavov dlya raboty pri povyshennykh temperaturakh)

PERIODICAL: V sb.: Legkiye splavy, Nr 1, Moscow, 1958, pp 88-122

ABSTRACT: Investigations were performed in order to determine the effect of various degrees of cold hardening, as well as of conditions of artificial aging (AA), on the mechanical properties of sheets of D16 alloy (A) at room temperature and at elevated temperatures. The initial material consisted of hot-rolled sheets of the D16 A which had been tempered only, or were tempered and subjected to natural aging for a period of five days; the sheets of the A were work-hardened by means of rolling with reductions equivalent to 5, 10, 15, 20, 25, and 30%. AA of work-hardened sheets, as well as sheets which have not been so treated, was accomplished at temperatures of 150, 170, 190, and 200°C, the soaking time being c. 8, 10, and 12

Card 1/2

SOV. 137-58-10-2158

Methods of Hardening Aluminum Alloys (cont.)

hours, respectively. Optimal AA conditions, established on the basis of studies of properties of the A's at room temperature, were maintained during tests at elevated temperatures. The laws governing the changes occurring in the properties of the A relative to the temperature of AA are identical both at room temperature and at elevated temperatures. Specimens which have been aged at 170-180° possess maximal values of  $\sigma_s$  and  $\sigma_b$ , but exhibit very low values of  $\delta$ . At lower temperatures of AA (130-150°), the strength characteristics of the A's are somewhat impaired, but the  $\delta$  values are increased. Conducting the AA at a temperature of 190-200° results in a lowering of all mechanical properties of the A. It has been established that the strength of tempered and naturally aged D1c A is favorably affected by work hardening at temperatures of 100-200°. Work hardening (5-20% reduction) increases the  $\sigma_b$  of sheets of the D1c A by as much as 10-15% at a temperature of 100° and by 13-18% at a temperature of 150°. Optimal conditions for processing of sheets of D1c consist of tempering operations and work hardening by means of rolling with reductions of 5-20%, followed by AA (130-150° for 10-20 hours). Problems on the nature of hardening of an A by means of mechanical working of it after the operations of tempering and prior to the process of AA are discussed.

Card 2/2      2. Additional 2107-22 copies required  
E.K.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

L 37166-66 EWT(m)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/GD/JH  
ACC NR: AT6016422 (A) SOURCE COLE: UR/0000/65/000/000/0151/0157

AUTHORS: Livanov, V. A.; Golokhmatova, T. N.; Bereko, R. M.; Vasil'yeva, Yo. N.

ORG: none

TITLE: Structural inhomogeneity of the cladding layer in sheets of alloy D16

SOURCE: AN SSSR. Institut metallurgii. Metallovedeniye legkikh splavov (Metallography of light alloys). Moscow, Izd-vo Nauka, 1965, 151-157

TOPIC TAGS: titanium containing alloy, manganese containing alloy, aluminum alloy / D16 aluminum alloy

ABSTRACT: The effect of hot and cold rolling of alloy D16 sheets on the homogeneity and structure of the aluminum surface layer of the sheets was investigated. The investigation was initiated to determine the mechanism for the formation of large crystal grains in the surface layer of D16AT and D16ATV hot rolled sheets. The effect of adding titanium, manganese, zirconium, and boron on the crystal grain size in the surface layer of the hot rolled sheets was also studied. The experimental results are presented graphically (see Fig. 1). Whereas additions of Zn and B had no effect on the crystal grain size, additions of Ti considerably lowered the crystal grain size, and additions of Mn completely removed any inhomogeneity in the aluminum surface layer of the alloy.

Card 1/2

L 37166-66

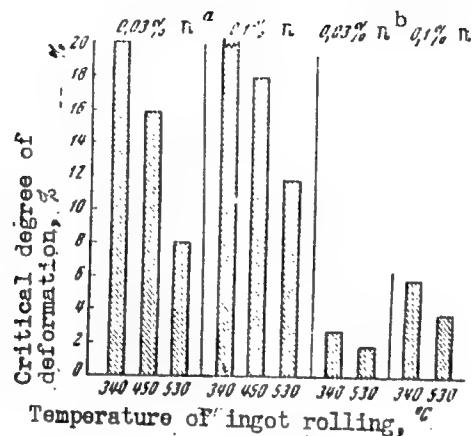
ACC NR:  
AT6016422

Fig. 1. Critical degree of deformation of aluminum for deformation at room temperature as a function of the titanium content and temperature of hot rolling of aluminum cladding ingots. a - cold rolled aluminum (thickness 2.0 mm); b - surface layer of hot rolled alloy D16.

Orig. art. has: 4 figures.

SUB CODE: 11/ SUBM DATE: 16Sep65/ ORIG REF: 001

Card 2/2 af

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

p. 62

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

GOLOKHVASTOVA, M.V.

Thirtieth anniversary of the Great October Revolution and lessons  
in geography. Geog. v shkole no.3:40-42 My-Je '47. (MIRA 9:6)  
(Geography--Study and teaching)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

GOLONOVAIA, I. N.

"The Aeronautical Pages for Cultivation Urban Sprawl in the State Council of the Ukrainian SSR." Gantserov, Chernivtsi Agricultural Inst., 1970, 10 pp. (in Russ.), Chernivtsi, 1970. (in Russ., Ukr.)

30: Sum. No. 701, Chap. 5 - Survey of Scientific and Technical Information Work done at MSTU Higher Educational Institutions (lc).

CONTRY  
CABIN

1934-1935, - Whetzel, G. - Case No. 1000.

REVIEWED : October 20, 1969, by G. L. DeLorme, Jr., Agent  
INVESTIGATOR : Special Agents in Charge, Boston  
SEARCHED : In the office of the Secretary, Boston, Massachusetts.

OMAHA, NEB., 10 MILES SOUTH OF OMAHA, AND BY THE SIDE OF THE

**ABSTRACT** : In the experiments carried out previously attention was  
mainly concentrated on the effect of light on the growth  
and development of the plant. The influence of the light  
quality, from the point of view of the effect on the  
growth and development of the plant, has been studied  
in the last few years by many workers. It has been  
shown that different types of light have a considerable  
influence on the growth and development of the  
organism. The nature of the effect depends on the  
character of the plant, the type of the light, the  
intensity of the light, the duration of the light, etc.

Card: 1

SCOTTAY :  
CAT-NUM :  
AMM. JNR. : 1970-1971  
AUT. :  
INFO :  
TITLE :

Topic, Pl. :

AUGUST : The plant has a very large number of蘖生 in the ground. This applies to all species of the plants. The smaller the plant, the more there is a larger with the largest size of蘖生. The growing plants, especially the development and the growth in growth are explained by the removal of a considerable part of the absorbing surface. Plants with the stem cut, i.e. those in which the primary panicle and part of the stem with auxiliary buds were removed, etc. for

CAPP: JH

72

GOLOKOZ, V.F.; GORSHKOVA, N.G.

Hydraulic mechanism for breaking rocks. Gor.zhur, no.1:77 Ja  
'63. (MIRA 16:1)  
(Boring machinery)

GOLOKVOSCHUS, P.B.

Necessary and sufficient conditions of the periodicity of a first  
system of solutions for some linear systems of differential equations.  
Dokl. AN BSSR 3 no.7:287-291 J1 '59. (MIRL L.)

1. Predstavleno akademikom AN BSSR N.P. Yermakovym.  
(Differential equations, Linear)

GOLOKVOSCHUS, P.B.

Seeking characteristic indices of a system of two linear  
homogeneous differential equations with periodic coefficients  
containing a small parameter. Dokl.AN BSSR 3 no.9:361-367  
(MIRA 13:2)  
S '59.

1. Predstavлено академиком АН БССР Н.П.Ерuginым.  
(Differential equations, Linear)

85926

S/140/60/000/003/005/011  
C111/C222

16.3400

AUTHOR: Golikovoschus, P.E.

TITLE: Remark on Bounded and Periodic Solutions of a System of Two Linear  
Differential Equations With Periodic Coefficients Which is  
Integrated in a Closed FormPERIODICAL: Izvestiya vysshikh uchetnykh zavedeniy. Matematika, 1960,  
Nr. 3, pp. 113-117

TEXT: Theorem 1: In the system

(1.1) 
$$\frac{dx}{dt} = X \begin{bmatrix} \psi_1(t) & \psi_2(t) \end{bmatrix}$$

let either

(1.6) 
$$U_1 = \begin{vmatrix} a & 0 \\ c & a \end{vmatrix}, \quad U_2 = \begin{vmatrix} b_1 & 0 \\ 0 & b_2 \end{vmatrix}$$

or

(1.7) 
$$U_1 = \begin{vmatrix} a+2cm & -cm^2 \\ c & a \end{vmatrix}, \quad U_2 = \begin{vmatrix} b & m^2n \\ n & b \end{vmatrix}.$$

Let the continuous periodic functions  $\psi_k(t)$  ( $k=1, 2$ ) with the period $\omega = \pi$  satisfy

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85926

S/140/60/300/003/005/011  
C111/C222

Remark on Bounded and Periodic Solutions of a System of Two Linear Differential Equations With Periodic Coefficients Which is Integrated in a Closed Form

$$(1.3) \quad \int_0^1 \varphi_k(t) dt = 0$$

✓

Under these assumptions all solutions of (1.1) have the period  $\omega = 1$  then and only then if the parameter  $\alpha$ , given by

$$(2.1) \quad \alpha = \begin{cases} b_2 - b_1 & \text{in the case (1.6)} \\ .2mn & \text{in the case (1.7)} \end{cases}$$

is a zero of the function

$$(2.2) \quad I(\alpha) = \sum_{k=0}^{\infty} \frac{a_k}{k!} \alpha^k \quad (\alpha \neq 0),$$

where

$$(2.3) \quad a_k = \int_0^1 L_2^k(t) \varphi_1(t) dt \quad (k=0,1,2,\dots)$$

Card 2/4

85926

S/140/60/000/005/005/011  
C111/C222

Remark on Bounded and Periodic Solutions of a System of Two Linear Differential Equations With Periodic Coefficients Which is Integrated in a Closed Form

and  $L_k(\tau)$  is given by

$$(2.3) \quad L_k(\tau) = \int_0^\tau \varphi_k(t) dt \quad (k=1, 2).$$

As an example the author considers the system

$$(3.1) \quad \frac{dX}{dt} = X [U_1 \cos 2\pi t + U_2 \sin 2\pi t],$$

where  $U_k$  are given by (1.6) or (1.7). All solutions are periodic with  $\omega=1$

if  $\frac{U_1}{U_2}$ , where  $c$  is given by (2.11), is a zero of the Fessel function

Card 3/4

✓

85926

S/ 40/60/000/003/005/011  
C111/C222

Remark on Bounded and Periodic Solutions of a System of Two Linear  
Differential Equations With Periodic Coefficients Which is Integrated in  
a Closed Form

$$(3.4) \quad J_1 \left( \frac{a_{11}}{2^k} + \sum_{n=0}^{k-1} (-1)^n \frac{1}{\gamma_n (\gamma - 2)} \left( \frac{a_{11}}{4^n} \right)^{2k-n} \right)$$

There are 3 Soviet references

ASSOCIATION Vil'nyuskiy gosudarstvennyy universitet imeni V. Kapsukasa  
(Vil'nyus State University imeni V. Kapsukas)

SUBMITTED October 1, 1958

Card 4/4

GOLOKVOSCHUS, P.B.

Seeking characteristic exponents of a system of two differential equations with periodic coefficients, analytical relative to a small parameter. Dokl.AN BSSR 4 no.6:236-240 Je '60.

(MIRA 13:7)

1. Vil'nyusskiy gosudarstvennyy universitet im. V.Kapsukasa.

Predstavлено акад. AN BSSR N.P.Yeruginym.

(Differential equations)

GLOKOVSKII, P. I. <sup>Liniotomov</sup> Considered the "problem of the ~~solvability~~ of solutions of linear systems of differential ~~equations~~ equations with periodic coefficients in certain individual cases." Zhur., 1960. (Ac. Sci. Belorussian SSR. Report. on the Phys.-math. Chem. and Med. Sci., No. 1-31, 179)

-10-

L 18525-63 EWT(d)/FCC(w)/BDS AFFTC/LJP(G)

ACCESSION NR: AT3002172

8/29/61/001/01-/0059/0077

AUTHOR: Golokvoschus, P.

53  
52TITLE: Finding characteristic exponents of a system of two homogeneous differential equations

SOURCE: Litovskiy matematicheskiy sbornik. v. 1, no. 1-2, 1961, 59-77

TOPIC TAGS: characteristic exponent, differential equation

ABSTRACT: The author investigates characteristic exponents for the system given in the equation, where  $Q_0$  is a constant matrix,  $Q_k(t)$  ( $k = 1, 2, \dots$ ) are continuous matrices of the independent variable  $t$  with common period  $\omega = 1$ ,  $X$  is the integral matrix,  $\mu$  is a small parameter, and the series converges for  $|\mu| < r$ . He assumes that  $Q_0$  and  $Q_k(t)$  ( $k = 1, 2, \dots$ ) are second degree matrices and that the characteristic numbers  $\xi_1$  and  $\xi_2$  of  $Q_0$  satisfy the condition given in the following

$$\frac{dX}{dt} = X \left[ Q_0 + \sum_{k=1}^{\infty} Q_k(t) \mu_k \right], \quad \begin{array}{l} \text{Abstracter's note:} \\ \mu_k \text{ should be } \zeta_k \end{array} \quad \xi_1 - \xi_2 \neq 2\pi m i \quad (i = \sqrt{-1}),$$

where  $m$  is an integer. Orig. art. has 158 formulas.

Card 1/2, ASSN: Vilnius State University

3/160/C3/7007-12756777  
D223/B3C1

AUTHOR:

Gololeva, Ye. I.

TITLE:

Role of radiation in the formation of stratus  
cloud and in its evolution

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 12, 1961,  
30, abstract 12B197 (Meteorol. i hidrologiya,  
1961, no. 7, 22-26)

TEXT: The question of the influence of the radiational cooling of the lower half-kilometer layer of air on the formation and evolution of low stratus cloud is discussed. The case of the formation of low cloud near Moscow in the period from March 9 to March 11, 1956, is discussed as an example. The appearance of stratus cloud was accompanied by the fall of the temperature in the lower 500-m layer during the consideration. Weakening of the wind with altitude. It is established that the main cause of this was radiational cooling. In addition, the role of the

Card 1/2

GOLOLOB, V.

Practices of freight transportation agencies. Avt.transp. 39  
no.4:13 Ap '61. (MIRA 14:5)  
(Estonia—Freight and freightage)

CA

10

A nickel-enriched biogeochemical province in Southern Ural. A. D. Gololobov. *Byull. Min. (Obozrenie Izdatel. Periody, 1951-1952)*, No. 3, 1-16 (1952). A study of a region of Northern Kazakhstan-Southern Ural in which relatively high levels of Ni are found in the soil is reported. Up to 0.25% levels in farm soils are not uncommon. Hence, all ground waters, plants, and animals possess supernormal amounts of the element in their makeup. The study of cattle and sheep showed that highest levels are found in the skin, muscle, and liver. The wool retains slightly lesser levels than does the skin proper. Ni was found, however, in all organs. Usually the organs that contain high levels of Ni also carry high levels of Cu. The high levels of Ni are apt to cause so-called nickel eczema and an endemic affliction of visual organs of the farm animals. The production (or formation) of wool by sheep in this region is supernormal and appears to be a form of adaptation and detoxication. G. M. Krasilapoff

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730006-4"

KOVAL'SKIY, V.V.; GOLOGOBOV, A.D.

[Methods for determining trace elements in soils, plant and animal organisms] Metody opredeleniya mikroelementov v pochvakh, rastitel'nykh i zhivotnykh organizmakh. Moscow, Redaktsionno-izdatel'skiy otdel VIZH, 1959. 137 p. (MIRA 13:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.  
(Trace elements)

GOLOLOBOV, A.D.

Biogeochemical provinces rich in nickel and copper. Trudy Biogeokhim. lab. no.11:178-188 '60. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnodstva.  
(COPPER-PHYSIOLOGICAL EFFECT)  
(NICKEL-PHYSIOLOGICAL EFFECT) (VERTEBRARY PHYSIOLOGY)

GOLOLOBOV, A.D.

Photometric determination of protein in milk. Vop.pit. 21 no.3:17-  
22 My-Je '62. (MIRA 15:10)

1. Iz TSentral'noy khimiko-analiticheskoy laboratorii (zav. -  
kand.biologicheskikh nauk A.D.Gololobov) Vsesoyuznogo nauchno-  
issledovatel'skogo instituta zhivotnovodstva, Moskva.  
(MILK--ANALYSIS AND EXAMINATION) (PROTEINS)

GOLDSHTEIN, A.B., zhurn. radio. i zemel'noy chernobily, ..., pred., red.;  
BAGDASHKOV, A., red.

[Methodological recommendations on the determination of  
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